

## ABSTRACT OF THE DISCLOSURE

a A device is presented that includes an encoder. The encoder compresses a plurality of signals at variable <sup>frame</sup> rates based on a plurality of prioritized parameters to reduce signal bandwidth while preserving perceptual signal quality. Also presented is a device that includes a decoder. The decoder decompresses a plurality of compressed signals at variable rates based on a plurality of prioritized parameters to reduce signal bandwidth while preserving perceptual signal quality.

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